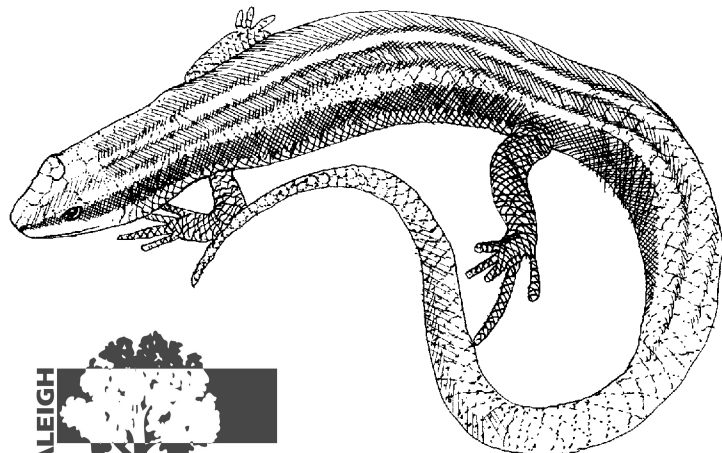
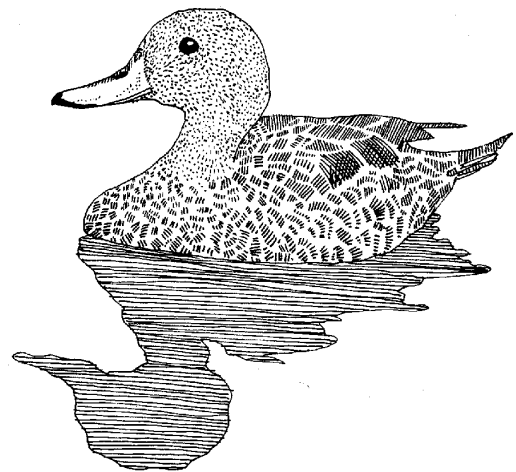
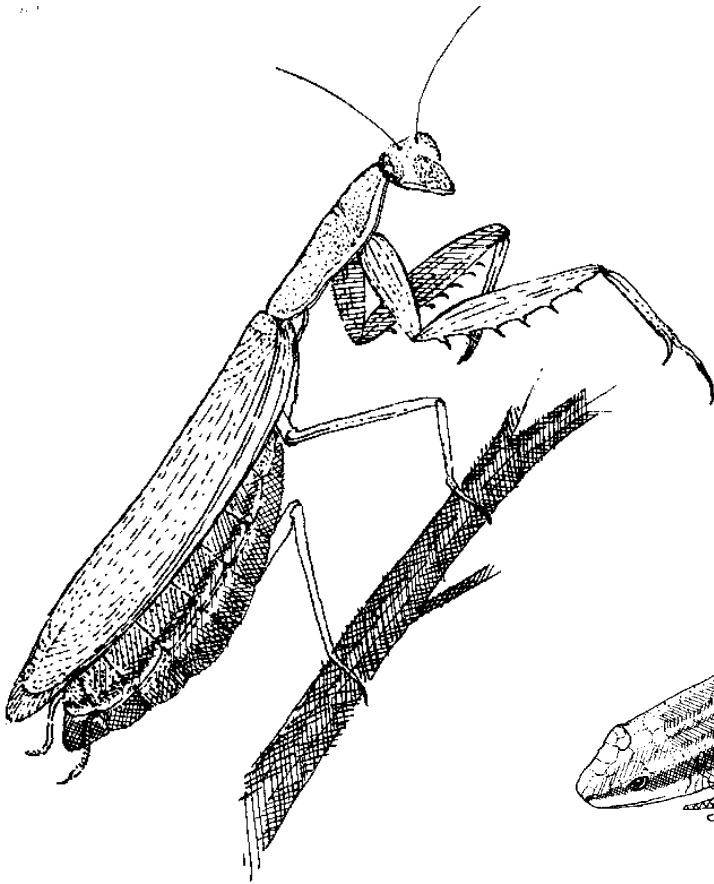


Raleigh Parks and Recreation

# Group Nature Programs

2008-2009



# Scheduling Procedure

Early planning and scheduling are advised if you would like a spring program.

To schedule a program, call 919-831-6640 at least **three weeks** in advance of your chosen program dates.

Please have the following information ready when calling to schedule a program:

- \* Program topic
- \* Grade level of students
- \* School name, address, and phone number
- \* Number of students in each class and number of adult chaperones
- \* Program dates and times with at least **two** alternate dates and times
- \* Name, email address, and phone number of group contact

A confirmation packet will be mailed to you six weeks before your scheduled program.

Payment is due **two weeks** before programs.

## Contact Information

**Nature Programs**  
919-831-6640  
Nature.programs@ci.raleigh.nc.us

**Jenn Steele Program Manager**  
Jenn.steele@ci.raleigh.nc.us

Nature Programs  
2401 Wade Avenue  
Raleigh, NC 27607

www.parks.raleighnc.gov  
Fax: 919-831-6470



## **Cancellation/Inclement Weather Policy**

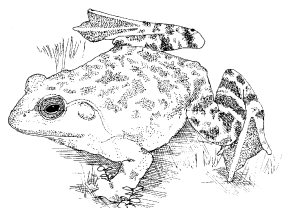
Cancellations must be made at least two weeks in advance for partial reimbursement. Programs will continue in any weather condition that is safe. If severe weather warrants cancellation by the Nature Programs office, programs will be rescheduled or payment will be reimbursed.

## **Note:**

**Due to high temperatures during the summer, no outdoor programs will be scheduled during the hours of 11:30am and 3:00pm from June to August.**

# Science Afield Programs

Science Afield Programs are hands-on outdoor experiences in City of Raleigh Parks on nature topics that take advantage of natural environments.



**Program length:** One hour  
**Maximum group size:** Not more than one school class  
of up to 30 students  
**Chaperones:** At least one adult for every 6 students  
**Cost: \$45 July 1st-December 31st**  
**\$50 January 1st-June 30th**



## Amazing Avians

Give your class an opportunity to learn all about these fantastic fliers. Students will learn about body structure, feathers, and behavior of these animals. We will then take to the field, and learn to identify some local birds by sight and sound.

Seasons: All  
Grades: K-5th

## Adventures in Aquatic Life

*\*Limited scheduling available during the spring\**

Explore the pond in search of tadpoles, crayfish, water scorpions and dragonfly nymphs. Your students will create an aquatic food chain, see pond critters at different life stages and discover how these animals are adapted to life in an aquatic environment.

Seasons: Spring, Summer, & Early Fall  
Grades: K-5th

## Busy Beavers

Come out to Durant Nature Park to discover the life history and adaptations of these unique animals. We will hike to search for beaver evidence such as tracks, dams, lodges, and felled trees.

Seasons: All  
Grades: 3rd-5th

## Habitat Hunt

Explore what animals need to survive in our local ecosystems and discover the intricate relationships between living and non-living things in these systems.

Seasons: All  
Grades: K-5th

## Investigating Insects

Your group will take to the field to catch moths, dragonflies and grasshoppers, explore for beetles and ants, and search the shrubs for leaf hoppers. Students will investigate characteristics, habitats, and adaptations of insects.

Seasons: Spring, Summer, & Early Fall  
Grades: K-5th

## Night Exploration

Come experience nature after dark and learn how nocturnal animals are adapted for survival at night. Participants will identify owl calls, look for bats and listen for beavers, frogs, and insects.

Seasons: All  
Grades: K-5th

## Trek Through the Trees

Students will have the opportunity to learn more about trees, their many parts and how to identify the different varieties. They will have a chance to identify species in the park through a tree trail hike.

Seasons: Spring, Summer, & Early Fall  
Grades: K-5th

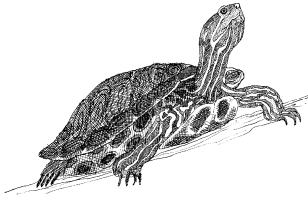
## Wonderful Weather

Students will become junior meteorologists as they learn to describe the day's weather. Cloud types, precipitation, wind, and temperature will be explored.

Seasons: All  
Grades: K-2nd

# Schoolyard Science

Schoolyard Science programs bring nature and science to you. These outdoor programs teach science through hands-on activities on your school grounds.

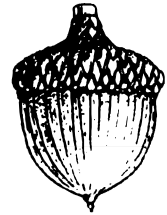


**Program length:** One hour

**Maximum group size:** Not more than one school class of up to 30 students

**Chaperones:** At least two adults

**Cost:** \$50 plus round trip mileage to your school



## Exploring Soil

Your students will become soil scientists and investigate the properties of soil. Through hands-on experiments and demonstrations, your students will have the opportunity to explore the basic components of soil including; the color, texture, and particle size of different soil types.

Grades: 3rd-5th

## Animal Adaptations

Animals have developed specialized ways to live in their environments, including how they eat and protect themselves from predators. Students will be able to explore and discuss the differences through hands-on activities and meeting a few live animals.

Grades: 1st-5th

## Reptiles

Explore the amazing diversity of reptile lifestyles and characteristics. Discover many similarities and differences between reptiles and other animal groups including humans. Help your students to overcome fears and demystify reptiles as they meet some fascinating live examples.

Grades: K-5th

## Seed Science

Do your students have a hard time understanding seeds? This program is a great way for students to explore the diversity of seeds. Through discussion and games, they will learn where the seed is found on the plant, how seeds are dispersed and explore the parts of the seed. Your students will also plant seeds that you can watch develop in the classroom.

Grades: K-5th



# Preschool Programs

**Program Length:** 45 minutes

**Age:** 4 & 5 year-olds

**Maximum group size:** 15 students

**Chaperones:** At least 4 adults

**Cost:** \$45 plus round trip mileage



## Topics:

### Mini Critters

Your students will get up close and personal with some “creepy crawlies.” A story time will be enhanced by the opportunity to meet and touch a few intriguing live critters.

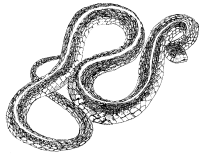
### Birds

Basic backyard birds will be the focus as we talk about their different colors and songs. In addition, your students will have the opportunity to see and touch examples of nests, eggs, and feathers.

# Other Programs

## Critter Stop

This event is perfect for school science nights, festivals, and community gatherings. This program allows visitors to stop by our booth to ask questions and touch live animals during your special event.



**Age:** All

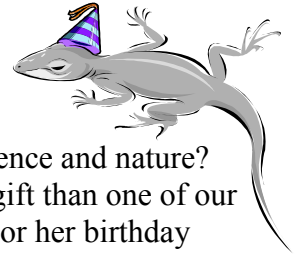
**Program Length:** Two hour minimum

**Cost:**

\$35/hour (Expected event attendance less than 100)

\$50/hour (Expected event attendance more than 100)

## Birthday Parties

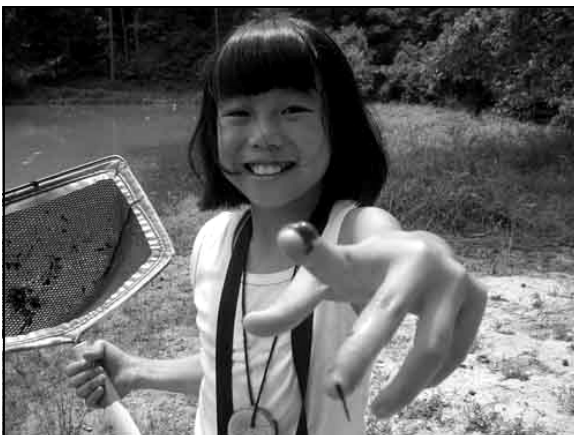


Does your child love science and nature? What would be a better gift than one of our exciting programs at his or her birthday party? Programs can be held at your party location or at one of Raleigh's parks. Several parks offer indoor and outdoor facilities for rental.

**Age:** 5 years & up.

**Program Length & Cost:** Vary by topic

Most of our program topics can be adapted for a birthday party setting.



# Scout Programs

**Program Length:** One hour  
**Chaperones:** At least 3 adults  
**Maximum Group Size:** 20 scouts  
**Cost:** \$40 per workshop  
**Location:** Durant Nature Park

## **Brownie Girl Scout: Watching Wildlife**

Give your Brownie Girl Scouts an opportunity to learn all about animal homes, animal communication and animal adaptations.

Meets requirements 1, 2, & 3

## **Junior Girl Scout: Earth Connections-Trees**

Take a hike along Durant Nature Park's Tree Trail and learn to identify ten tree species using leaves, seeds, fruit and bark as a means of identification.

Meets requirements 3 & 4

## **Webelos Scouts: Naturalist**

Give your Webelos a chance to learn about aquatic food chains and wetland environments. Scouts will explore the pond to find tadpoles, insect larvae, water scorpions and more.

Meets requirements 9 & 11

## **Bear Cub Scout: Elective 15-Soil and Water Conservation**

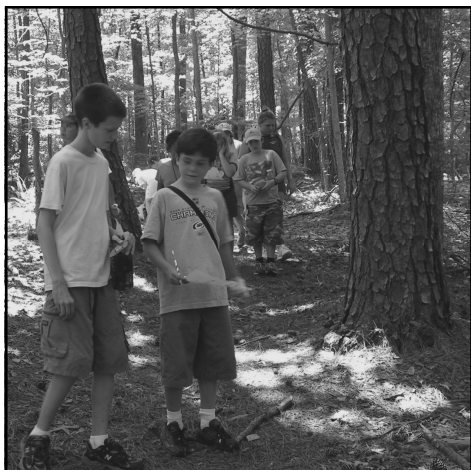
Your Bear Cub Scouts will have the opportunity to explore the properties of three different kinds of earth by conducting hands-on soil experiments.

Meets requirement B

## **Wolf Cub Scout: Elective 13-Birds**

Your Cub Scout group will learn ten different birds that live in North Carolina and then have a chance to observe some wild birds.

Meets requirements B, D & E



# Program Sites

**Anderson Point Park**  
919-831-6640  
10 Anderson Point Drive

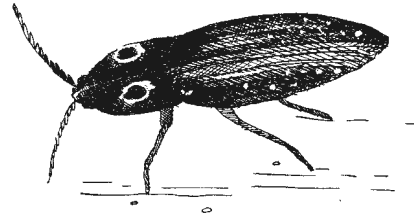
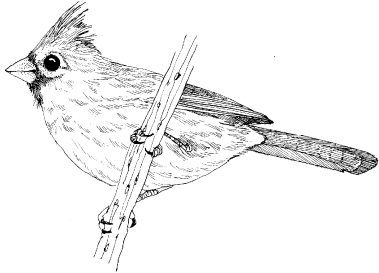
**Durant Nature Park**  
919-870-2871  
8305 Camp Durant Road

**Powell Drive Park**  
919-831-6066  
740 Powell Drive

**Laurel Hills Park**  
919-420-2383  
3808 Edwards Mill Road

Program Topics	Durant	Laurel Hills	Anderson Point	Powell Drive	Your Site
Amazing Avians	•	•	•	•	•
Busy Beavers	•				
Aquatic Life	•	•		•	
Investigating Insects	•	•	•	•	
Habitat Hunt	•	•	•	•	
Night Exploration	•				
Trees	•				
Wonderful Weather	•	•	•	•	•
Animal Adaptations	•	•	•	•	•
Reptiles	•	•	•	•	•
Exploring Soil	•	•	•	•	•
Seed Science	•	•	•	•	•
Pre-K Mini Critters	•	•		•	•
Pre-K Birds	•	•		•	•
<b>Facilities</b>					
Picnic Shelters	•		•	•	
Playground	•	•	•	•	
Rental Facilities	•	•		•	
Hiking Trails	•		•		
Grass Play Field	•	•	•	•	

# Correlation to NC Science Curriculum



	<b>K</b>	<b>1st</b>	<b>2nd</b>	<b>3rd</b>	<b>4th</b>	<b>5th</b>
<b>Aquatics</b>	1.01, 1.02, 1.03, 3.05	1.02, 1.04	1.01, 1.03, 1.04		1.01, 1.02, 1.03	1.01-1.06
<b>Animal Adaptations</b>		1.02, 1.04			1.02, 1.03, 1.04	
<b>Beavers</b>	1.01, 1.02, 3.05	1.02, 1.04			1.01, 1.03, 1.04	1.01
<b>Birds</b>	1.01, 1.02, 1.03, 3.05	1.02, 1.04, 4.01	1.01		1.01, 1.02, 1.03, 1.04	
<b>Habitats</b>	1.02, 1.05	1.02, 1.03, 1.04, 1.05	1.02		1.01, 1.04, 1.05	1.01, 1.02, 1.03, 1.05, 1.07
<b>Insects</b>	1.01, 1.02, 1.03, 3.05	1.02, 1.04	1.01, 1.02, 1.03, 1.04		1.01, 1.02, 1.03, 1.04	1.02, 1.05
<b>Night Exploration</b>	1.01, 1.02, 1.03, 3.05	1.02, 1.04			1.01, 1.02, 1.03, 1.04	
<b>Reptiles</b>	1.01, 1.02, 1.03, 3.05	1.02, 1.04, 4.01	1.01		1.01, 1.02, 1.03, 1.04	
<b>Seed Science</b>	3.05	1.01, 4.01		1.01		
<b>Exploring Soil</b>				2.01, 2.02, 2.03, 2.04		
<b>Trees</b>	3.05	1.01, 1.04		1.01		
<b>Weather</b>	2.02, 2.03, 2.05		2.01, 2.04			